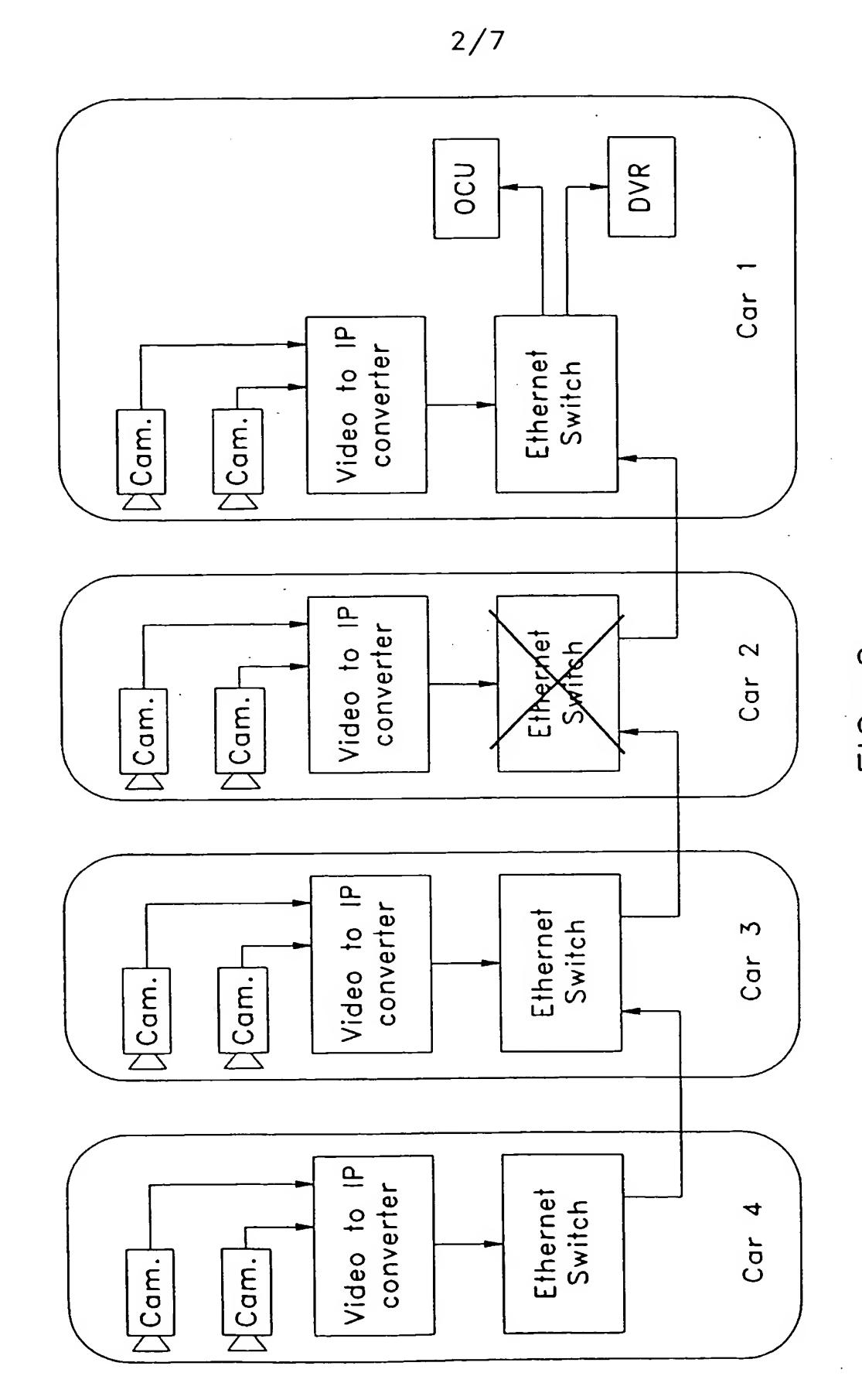
Inventor: Jean Beaucage
Docket No.: 09680.0363USWO
Title: RUGGEDIZED ANALOG FRONT-END FOR A NETWORK COMMUNICATIVE
DEVICE IN A RAILWAY-LIKE ENVIRONMENT
Attorney Name: Gregory A. Sebald
Phone No.: 612.336.4728
Sheet 1 of 7

1/7 54 48 Application Controller Unit 42 52 Access device Application Controller Unit 46 50 54 52 46 Application Controller Access device Unit cable ductor COU Application Two 50 44 Unit 52 device Access Application Controller Unit 46 54 any other To GPS, GSM, system satellite Gateway 802.11× 56

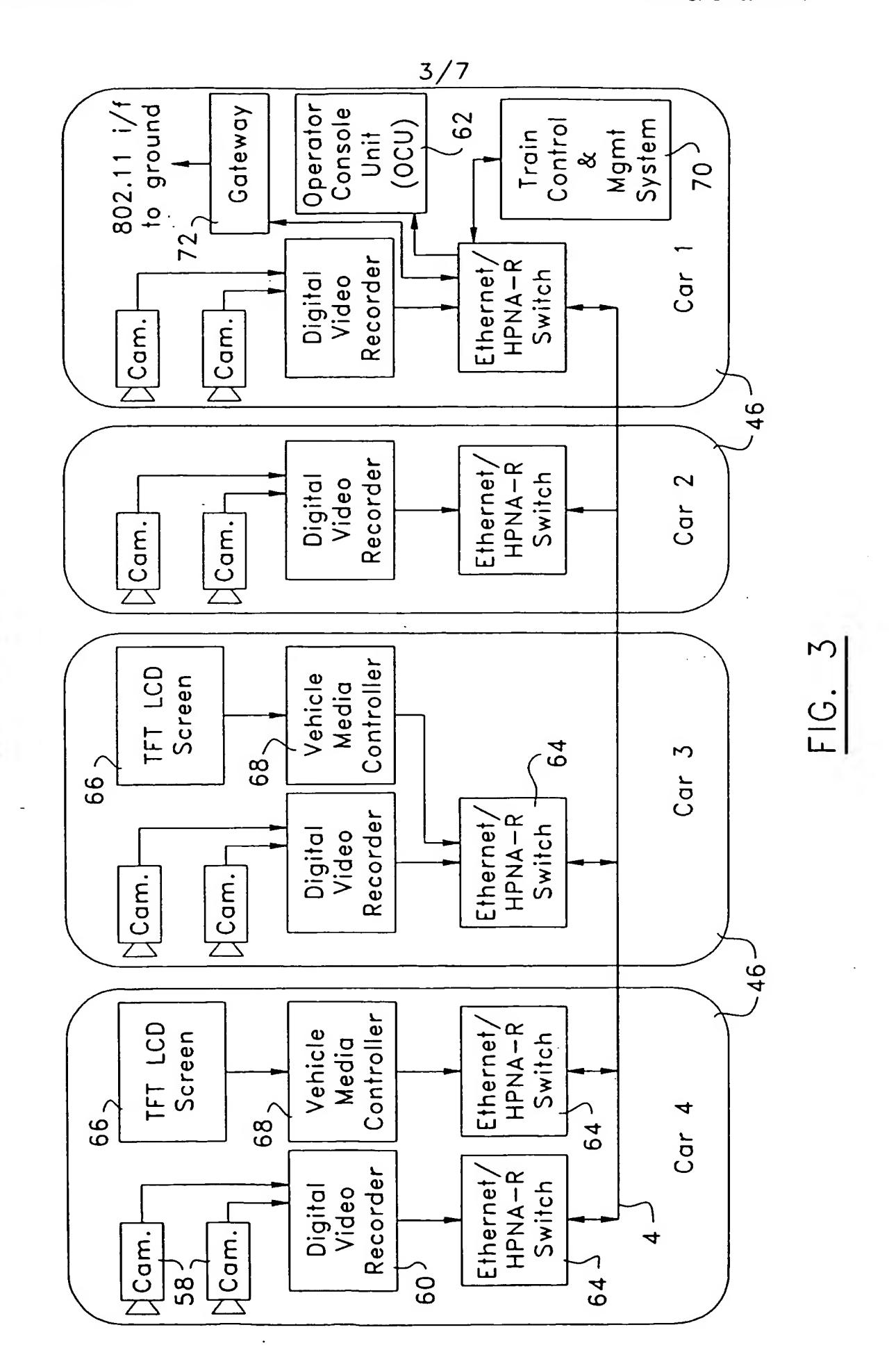
٦. ان

Inventor: Jean Beaucage
Docket No.: 09680.0363USWO
Title: RUGGEDIZED ANALOG FRONT-END FOR A NETWORK COMMUNICATIVE
DEVICE IN A RAILWAY-LIKE ENVIRONMENT
Attorney Name: Gregory A. Sebald
Phone No.: 612.336.4728
Sheet 2 of 7



PRIOR ART)

Inventor: Jean Beaucage
Docket No.: 09680.0363USWO
Title: RUGGEDIZED ANALOG FRONT-END FOR A NETWORK COMMUNICATIVE
DEVICE IN A RAILWAY-LIKE ENVIRONMENT
Attorney Name: Gregory A. Sebald
Phone No.: 612.336.4728
Sheet 3 of 7



48

80 68 62 Controller Station Media (SMC) 82 Network (WAN) STATION: STREI Inventor: Jean Beaucage
Docket No.: 09680,0363USWO
Title: RUGGEDIZED ANALOG FRONT-END FOR A NETWORK COMMUNICATIVE
DEVICE IN A RAILWAY-LIKE ENVIRONMENT
Attorney Name: Gregory A. Sebald
Phone No.: 612,336,4728
Sheet 4 of 7 99 Center red Network 4 Control O **M**ummud O 0 4 Area Display Controller Media Station Media Wide (SMC) STRE STATION LED Client ited NEXT AN Train L Anima OH 72 99 78 STRE STATION 9/ S H (((((((((((((62 Controller Console Unit Operator (VMC)-Vehicule (0cn) Media

4/7

Inventor: Jean Beaucage
Docket No.: 09680.0363USWO
Title: RUGGEDIZED ANALOG FRONT-END FOR A NETWORK COMMUNICATIVE
DEVICE IN A RAILWAY-LIKE ENVIRONMENT
Attorney Name: Gregory A. Sebald
Phone No.: 612.336.4728
Sheet 5 of 7

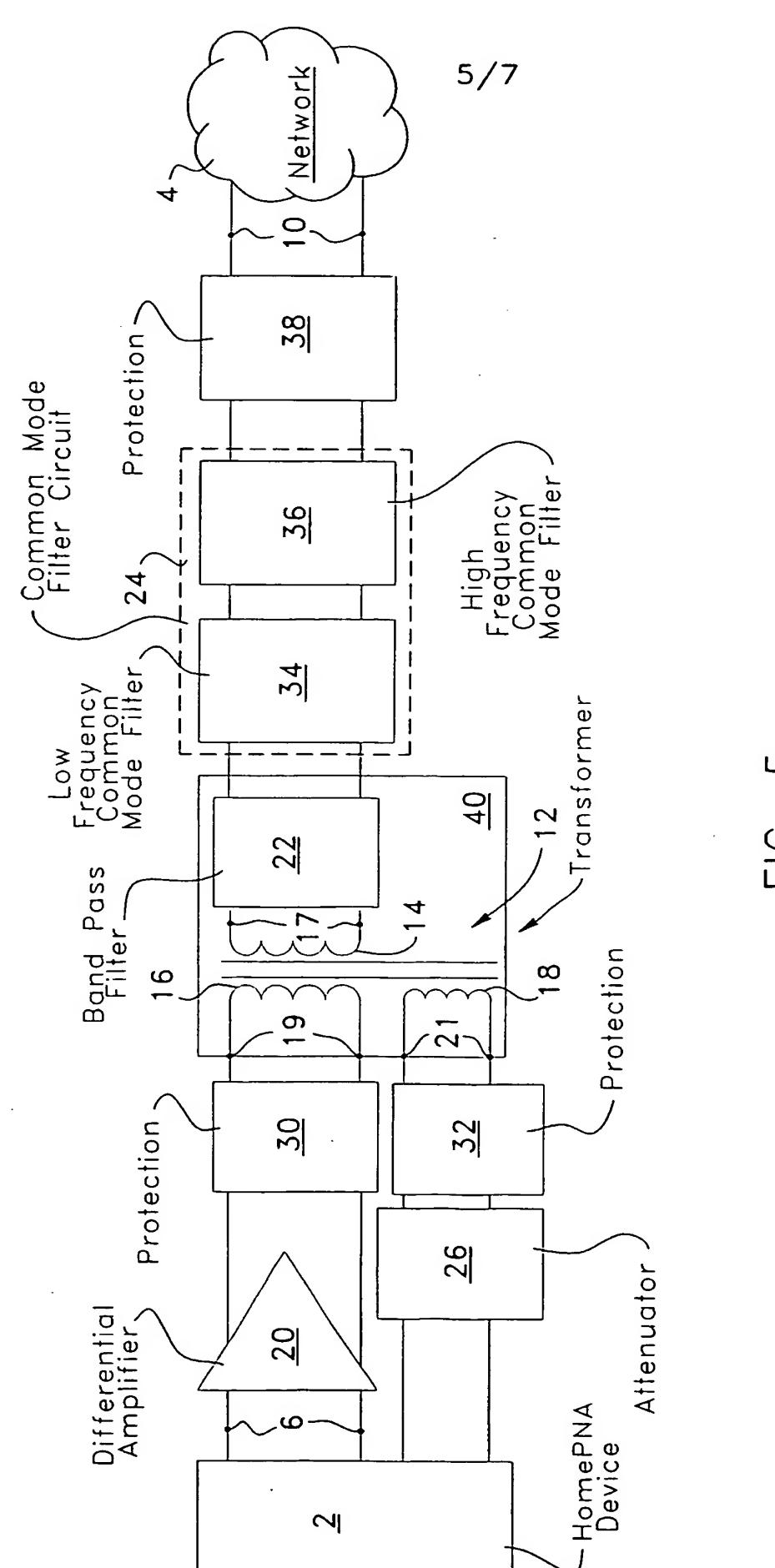
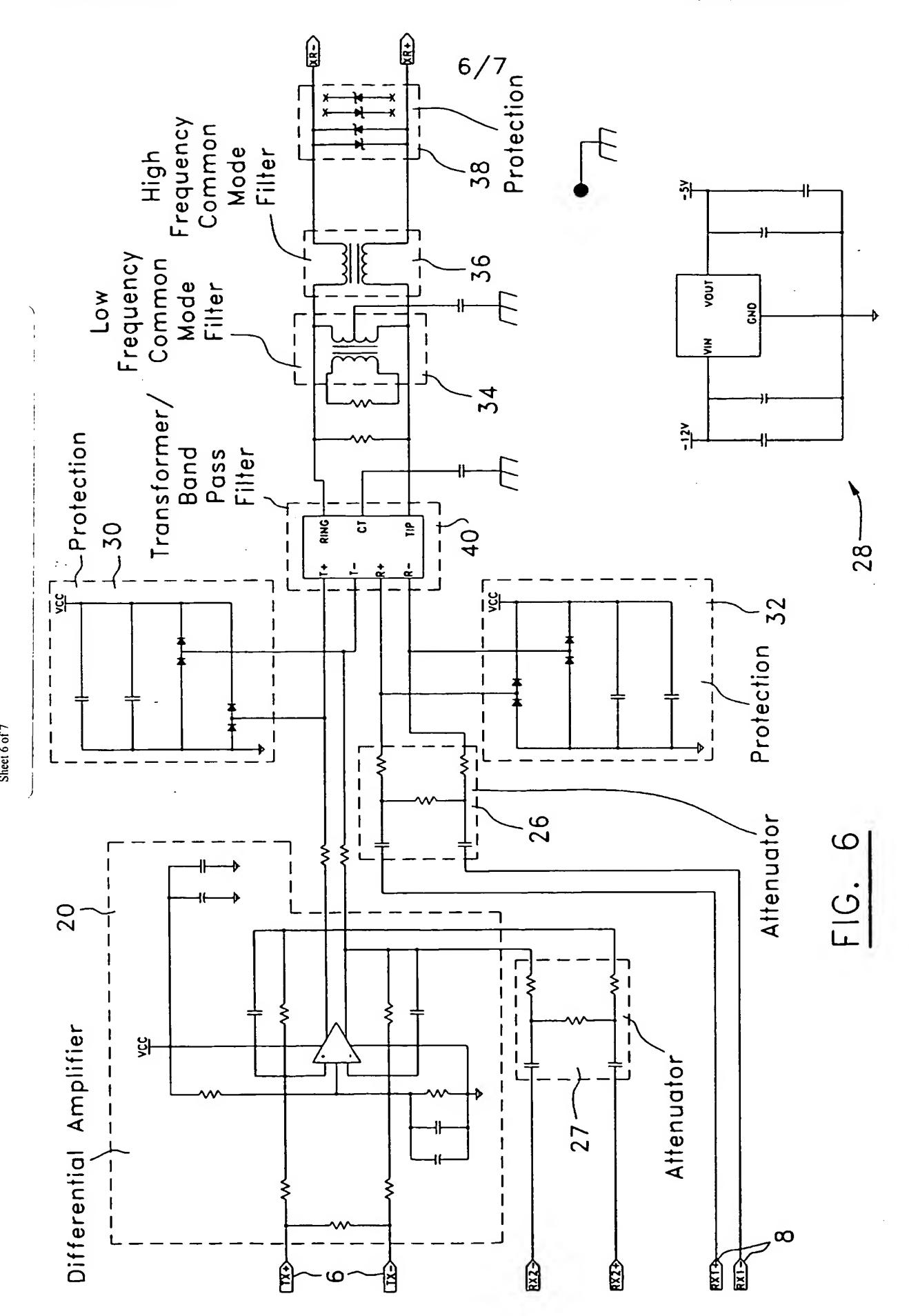


FIG. 5

Inventor: Jean Beaucage Docket No.: 09680.0363USWO
Title: RUGGEDIZED ANALOG FRONT-END FOR A NETWORK COMMUNICATIVE DEVICE IN A RAILWAY-LIKE ENVIRONMENT
Attorney Name: Gregory A. Sebald
Phone No.: 612.336.4728
Sheet 6 of 7



7/7

Inventor: Jean Beaucage
Docket No.: 09680.0363USWO
Title: RUGGEDIZED ANALOG FRONT-END FOR A NETWORK COMMUNICATIVE
DEVICE IN A RAILWAY-LIKE ENVIRONMENT
Attorney Name: Gregory A. Sebald
Phone No.: 612.336.4728
Sheet 7 of 7

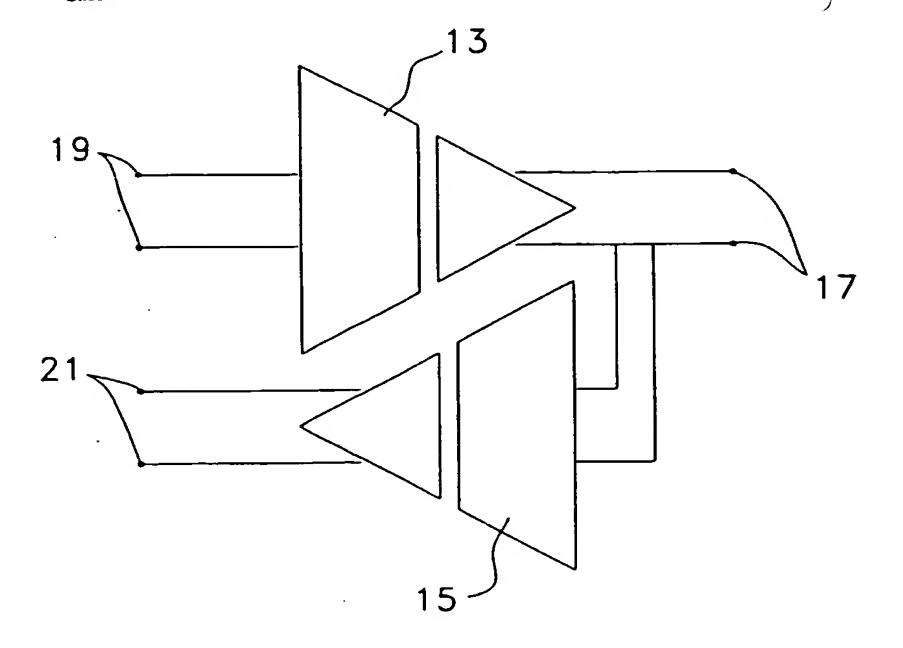


FIG. 7